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Another Habitable Planet by Ashkan Shajari

Vocab	Meaning
Astronaut	Someone who travels in a spacecraft
Guidance	Help
Ignition	The electrical part of a vehicle's engine that makes it start working
Sequence	A particular order
Commander	An officer who is in charge of a group of soldiers or activities
Feeds	Piece of equipment which supplies a machine with something
Manual	Done with hands
Roger	Message has been understood (In radio conversation)
Fuel	A substance such as coal, gas, oil…
Spin	To turn around
Module	A part of spacecraft that can be separated
Voyage	A long journey in a ship or spacecraft

Thirty seconds and counting. Astronauts report it feels good. T - minus 25 seconds. Twenty seconds and counting. T - minus 15 seconds, guidance is internal. Twelve, eleven, ten, nine, ignition sequence start, six, five, four, three, two, one, zero. All engines running.
Brand: This is commander Banks. All feeds going manual.
Nasa: Prepare for stage one separation. Stage one.
Simon: Deactivate prob heater one, two and three. Check.
Nasa: Stage two separation. Have control.
Brand: Roger. Taking control. A.D.F check. Over.
Simon: Pull thrusters back. Fuel cells one, two, three.
Brand: One hundred percent. Ex-mites. Ok. Helmets on.
Simon: We are coming up on the Endurance. Twelve minutes out.
Nasa: Communication with ring module active.
Brand: Approaching module port, 500 meters. Nice and easy. Nice and easy.
Simon: I feel good. Target locked.
Brand: Well done.
Nasa: Get ready for spin.
Brand: We are all set.
Simon: Wait. Thirty percent of spin.

This episode is about two astronauts who take a voyage into another planet by aliens. Now back to another habitable planet.

Simon: What it felt like?
Brand: It felt like we were at the end of a slingshot.
Simon: This is an amazing experience. I mean the most spectacular thing. Best sight ever.
Brand: I got a feeling. The feeling of belonging to the entire universe. I don't think here's this Earth and that's

Vocab	Meaning
Slingshot	A small Y-shaped stick that used to throw stones
Spectacular	Very impressive
Auroras	The Northern Lights
Awe	A feeling of great respect and liking for s.one or s.th
Orbit	The curved path of a celestial object or spacecraft round a star, planet, or moon
Foreign	From a country or somewhere that is not your own
Galaxy	The large group of stars that make up the universe
Swing	To move forward and backward from a fixed point
Bound	Limited
Embrace	Hug
homesick	Feeling unhappy because you are a long way from your home
Primarily	Mainly
Floating away	Moving in the air
Calculate	To find out how long s.th will take by using numbers
Approach	Move toward or nearer
Sphere	A ball shape
Bulk	The main or largest part of something

the only thing that I belong to. I actually imagine myself in a star system 10,000 light-years away. I feel like I also belong there.

Simon: Did you see the auroras?! That was breathtaking. I was filled with awe.

Brand: We flew so close to dancing curtains of auroras that I felt like I could touch them.

Simon: What's really amazing and beautiful is watching this line slowly pass across the Earth below us. Something that we can't see from the Earth.

Brand: And watching all the evidence of human activity all of a sudden come alive as we pass into the dark side of the orbit. There're so many just absolutely breathtaking things.

Simon: Look. This picture is from the relay satellite. It was in orbit around the wormhole. This is the wormhole, and every time we'd come around, we would receive images from the other side of the foreign galaxy.

Brand: Yeah, like swinging a periscope around.

Simon: Exactly.

Brand: So, we got a pretty good idea what we're gonna find on the other side, huh?

Simon: Navigationally.

Brand: Good. Now It's time to watch my wife.

Simon: Great.

Rosa: I used to think this was the beginning of our new story. Memory is a strange thing. It doesn't work like I thought it did. We are so bound by time, by its order. I wish when you return, I wouldn't be old. My question is that, if you could see your whole life from start to finish, would you change things? Despite not knowing the journey and where it leads, I embrace it. And I welcome every moment of it. I'm so happy for the new member. Our baby girl is coming soon. We both need you. I love you.

Simon: You ok man?

Brand: Yeah, I'm just a little homesick.

Simon: I know how it feels. Come and eat something.

Brand: Thanks. I wanna do some exercise.

Simon: What kind of exercise?

Brand: Primarily lifting weights and running on the

Dimension	Aspect
Habitable	Good enough for people to live in
Caution	The quality of being very careful to danger or risks
Manoeuvre (American spelling)	To move or turn s.th skillfully, especially s.th large and heavy
Desolate (adj)	An empty place without any people
Ship	A large spacecraft
Experimental	Used for, relating to, or resulting from experiments
Vessel	A large ship
Unmanned	A spacecraft that does not have a person inside it
Alien	A foreign creature
Illustration	Picture
Consequence	Result
Composition	The way in which s.th is made up of different parts
Gravity	The force that causes s.th to fall to the ground or to be attracted to another planet
Indicate	To represent or to say s.th
Aggression	Angry or threatening behavior
Announce	To officially tell people about a plan or s.th
Relative (adj)	Having a particular quality when compared with something else

treadmill.
Simon: How do you stay on the treadmill without floating away?
Brand: Bungee cords. I burn the same amounts of calories as I do on the Earth.
Simon: That's cool. I should try it.
Brand: It looks good for our trajectory. They've calculated eight months to Mars.
Simon: I think we're approaching the wormhole.
Brand: We gotta stop spinning. We're close enough. That, that's it. That's the wormhole.
Simon: It's a sphere.
Brand: Of course, it is. You thought it would just be a hole?
Brand: Ok get ready. Here we go.
Simon: The controls won't work here. We're passing through the bulk.
Brand: It's space beyond out three dimensions. All we can do is record and observe.
Simon: We are here.
Brand: Well done.

On August 24, 2016, astronomers announced the discovery of a rocky planet in the habitable zone of Proxima Centauri, the closest star to Earth (not counting the Sun). Called Proxima b, the planet is 1.3 times the mass of Earth and has an orbital period of roughly 11.2 Earth days. Now back to another habitable planet.

Brand: We're about to land. Have control.
Simon: This is fast for atmospheric entry. Should we use the thrusters to slow down?
Brand: I'm gonna use the Ranger's aerodynamics to save some fuel.
Simon: Air brake?
Brand: We wanna get down fast, don't we?
Simon: We wanna get there in one piece.
Brand: Get ready.
Simon: We should ease! A little caution.
Brand: I got this.
Simon: Twelve hundred meters. It's too damn fast. Should I disable the feedback?

Brand: No. I need to feel the air. Do we have a fix on the beacon?
Simon: Got it! Can you maneuver?
Brand: I'll need to shave some speed. I'm gonna spiral down on top of it. Hold on. Program alarm.
Simon: What is that?! Can't see. Can't see the ground.
Brand: I don't know! Desolation! Dust! Just watch yourself I'm gonna come down.
Simon: Hey look at that. Something is there! I'm sure.
Brand: A ship?! Yo Yo Ahhhh!
Simon: Ahhhhhh!
Brand: This is Brand. Do you copy? Simon. Where are you? Do you copy?
Simon: Roger. I'm fine. What happened?
Brand: Hey! You gotta see this.
Simon: looks like an experimental vessel.
Brand: Something strange! I've never seen like this. It's too giant!
Simon: Is it unmanned?!
Brand: Look. It's opening.
Simon: What are they?
Brand: It's impossible. Aliens. They are aliens.
Simon: They're saying something. What do we do now?
Brand: Easy! Easy! Looks like they're not gonna hurt us.
Simon: Nasa'll see this. We should return.
Brand: We got a broken spacecraft.
Simon: So, what happens now? We don't know them. We gotta make a decision. What? What is that? a symbol?
Brand: Yeah. It's water.
Simon: They're showing us an illustration of water.
Brand: Maybe this is the way they write. I don't know, but water is a good thing. It means life. Yeah, yeah. It means life.
Simon: Hey. We are humans. Human.
Brand: This just doesn't work. let's move.
Simon: What? What do you mean?!
Brand: Let's move to the ship.
Simon: Why? We don't know about aliens. Have you thought about the consequences?
Brand: This is an order. We got no other choice. You can wait here for one year for the rescue. If we stay here, we gonna run out of food and energy and die.
Simon: But…
Brand: Just Move.
Simon: They're moving. Where are you taking us?
Brand: We gotta wait and see.
Simon: They got no controls or anything. The shell emits no waste, no gas, no radiation.
Brand: It's hyperdimensional. Hard to believe. I'm thinking How do they communicate? Their writing is Semasiographic.
Simon: Yeah, It's kind of non-linear orthography.
Brand: The chemical composition of their spaceship is unknown. I got a weird feeling!

Vocab	Meaning
Squeeze	To press s.th firmly
Perceive	To understand or think of s.th
Threat	Danger
Not allowed	Not permitted
Critical	Seriously bad
Abort	To stop an activity because it would be difficult or dangerous

Brand: I think it's because of the gravity. We are moving too fast. Aren't we?
Simon: They're trying to communicate with us. What does that mean?
Brand: Maybe they want to indicate a question. I don't know. We're getting confused.
Simon: That's problematic for us right now.
Brand: Look, they're not our enemy. They've made no act of aggression towards us. Maybe this is their way of being aggressive. Wait. What's happening?!
Simon: We're landing. But that's too fast. It happened like some minutes!
Brand: Oh my god! Is it real? Are you seeing the same thing?
Simon: Water. That's water. No, it's gotta be a dream! Wait! I can breathe. Ha! Ha! man, I can breathe.
Brand: Yeah. Yeah. My god. I can't believe it!
Simon: Is there Oxygen?
Brand: There must be. This is a strange habitable planet.
Simon: So, we gotta announce it for the public.
Brand: You know the rules. It's not possible. It's gonna blow the whole thing.
Simon: Just look at the other planets around us. It's a spectacular sight.
Brand: I'm not even able to describe to anybody. Listen, we gotta return. I think our work here is done. It's in the hands of our superiors now. How much time passed on the Earth till now?
Simon: This is gonna cost us a lot. Like decades.
Brand: And now we're stuck here till there won't be anyone left on Earth to save. Is there any possibility, some kind of a way we can maybe all jump in a black hole? Gain back the years?
Simon: Time is relative, okay? It can stretch and it can squeeze, but it can't run backwards. It just can't. The only thing that can move across dimensions, like time, is gravity.
Brand: We gotta perceive time the way that they do. So, we can see what's to come. But time, it isn't the same for them. It's non-linear.
Simon: They are beings of five dimensions. To them time might be another physical dimension.
Brand: Now the problem is that how we can tell them that we wanna return?!
Simon: Like the way they do.
Brand: We got nothing to show or display. Hold on. Do you have something which represents the Earth?
Simon: Wait. I think I got a picture. Yeah. Here you go.
Brand: Show them.
Simon: I think they're processing.
Brand: Yeah. It works. They understood.
Simon: Oh wait. They're giving us a ship! Just you and I?
Brand: I think they got nothing to do with the Earth.
Simon: They're directing us to the orbit. Huh?
Brand: I think so.

Simon: Here we go. This is The International Space Station. Welcome back.
Brand: TDRS. Let's Communicate.
Simon: Ok.
Brand: This is Captain Banks. Do you copy? This is Captain Banks. Do you copy?
Simon: It's negative.
Brand: This is Captain Banks. We came back from another habitable planet. Do you copy?
Nasa: This is SOC. You are not allowed for landing. Due to environmental protection, you are a threat to the Earth. You were in contact with unknown beings. You are not permitted to land. I repeat. You are not permitted to land.
Brand: What the?! What are you talking about? It was just a failed space operation. We are completely unharmed.
Female automated voice: Oxygen level critical. Oxygen level critical.
Simon: No, No, No, Wait. We are not affected by anything. Mission aborted. I don't wanna die like this.
Female automated voice: Oxygen level critical. Oxygen level critical.
Brand: This is inhuman. No.
Simon: We need Oxygen. Oh! Shit! Noooooo!

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